



### Product Function

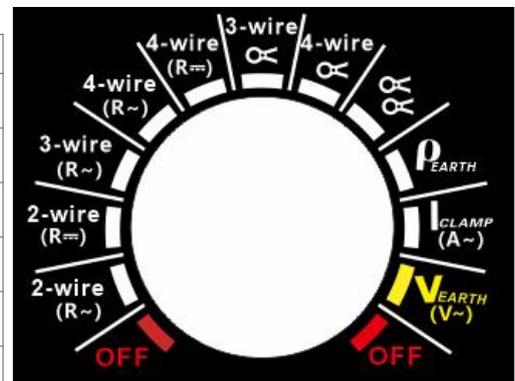
Precise 4-wire method, 3-wire method, simple 2-wire method, selection method and double clamp method earth resistance measurement, soil resistivity measurement, earth voltage measurement, earth current measurement, DC resistance measurement.

### Product features

1. Import FFT (Fast Fourier Transform Algorithm) and AFC (Automatic Frequency Control) technology. With unique antijamming capability and environmental adaptability, high consistency of retest.
2. Unique designed of the jack indicator, accurately indicating the location of the jack. With 12gears function selection knob, all test methods clear to display, operate simple and fast.
3. Packing with waterproof protection case, which is waterproof, crash proof, anti-drop and durable, and equip with the large-capacity rechargeable lithium battery pack, especially suitable for using at outdoor construction site.
4. The host equip with large LCD, with white backlight and bar graph indication which can reading clearly and obvious.
5. With alarm function, overload protection function, automatic shutdown function, also with the data storage, data access and data upload by USB interface function.
6. Support Bluetooth communication function of Android system, after installing APP, can use the mobile terminal to operate testing and reading the test records, with the good and new experience.

### Measurement Gears

Knob Gears	Function	Knob Gears	Function
OFF	Shutdown	3-wire (R~)	3-wire selection method measure earth resistance
2-wire (R~)	2-wire method measure earth resistance	4-wire (R~)	4-wire selection method measure earth resistance
2-wire (R=)	2-wire method measure DC resistance	RR	Double clamp method measure earth resistance
3-wire (R~)	3-wire method measure earth resistance	$\rho_{EARTH}$	Wenner Method measure soil resistivity
4-wire (R~)	4-wire method measure earth resistance	CLAMP (A~)	Grounding interference current
4-wire (R=)	4-wire method measure DC resistance	$V_{EARTH} (V~)$	Grounding interference voltage



### Technical Specification

Power Supply	DC7.4V 2600mAh rechargeable lithium battery		
2/3/4-wire Method Measure Earth Resistance	Range: 0.00Ω~300KΩ	Resolution: 0.01Ω	Accuracy: ±2%rdg±3dgt
Selection Method Measure Earth Resistance	Range: 0.00Ω~3000Ω	Resolution: 0.01Ω	Accuracy: ±2%rdg±3dgt
Double Clamp Method Measure Earth Resistance	Range: 0.00Ω~100Ω	Resolution: 0.01Ω	Accuracy: ±10%rdg±5dgt
Earth Voltage Measurement	Range: 0.0~100.0V AC	Resolution: 0.1V	Accuracy: ±2%rdg±3dgt
Earth current Measurement	Range: 0.0mA~600.0A	Resolution: 0.0mA	Accuracy: ±2%rdg±3dgt
Soil Resistivity Measurement	Range: 0.00Ωm~9000KΩm	Resolution: 0.01Ωm	
CT Size	φ70mm		
Short-circuit Test Current	AC 250mA max		
Open-circuit Test Current	AC 40V max		
Test Frequency	128Hz/111Hz/105Hz/94Hz(AFC)		
Data Storage	2000 groups		

<b>Automatic Shutdown</b>	15 minutes without any operation after starting up, the tester will shutdown automatically
<b>LCD Dimension</b>	128mmX75mm; LCD display area:124mX×67mm
<b>Tester Dimension</b>	280mm(L)X260mm(W)X160mm(H)
<b>Instrument Weight</b>	6.13kg(include accessories)
<b>Working Current</b>	Standby: 25mA (Backlight off); Measurement:100mA (Backlight off)
<b>USB Interface</b>	Equip with USB interface, software monitoring, storage data can be uploaded to computer, saved and printed
<b>Bluetooth Communication</b>	Support Bluetooth communication function of Android system, after installing APP, can use the mobile terminal to operate testing and reading the test records
<b>Alarm Function</b>	When the measured value exceed alarm setting value, will have “Du--du--du” alarm sound
<b>Battery Voltage</b>	While battery voltage drop to DC 7.2V±0.1V, low battery voltage symbol“  ” will display, and remind to Charge in time
<b>Accessories</b>	Tester:1PCS;Clamp current sensor:2PCS; Ground stake:4PCS; Test line: 6PCS; USB communication cable:1PCS; Special charger: 1PCS; Tool bag:1PCS